CLAIMS:-

1. A core for a printhead assembly, the core comprising:
an extruded and elongated body having a plurality of interior reservoirs, the reservoirs each having an ink exit opening, the openings converging into an area adapted to receive a printhead which is bonded to the area.

2. A core according to claim 1, wherein:
the body is a plastic extrusion.

3. A core according to claim 1, wherein:
the body is adapted to be at least partially encased by a shell, the body and shell when joined, having a coefficient of thermal expansion substantially the same as the printhead which the body is adapted to receive.

4. A core according to claim 3, wherein:
the body includes a portion which protrudes beyond the shell, this portion receiving the printhead.

5. A core according to claim 1, wherein:
the body is internally subdivided by extruded membranes to define the reservoirs.

6. A core according to claim 1, wherein:
the reservoirs are four in number.

7. A core according to claim 3, wherein:
the core and the shell have coefficients of expansion which are different than the coefficient of expansion of silicon, one of them having a coefficient of expansion which is greater than the coefficient of expansion of silicon and one of them having a coefficient of expansion which is less than the coefficient of expansion of silicon.

8. A core according to claim 1, further comprising:

a modular pagewidth printhead comprising a plurality of silicon modules disposed along the length of the core.

9. A core according to claim 8, wherein:
each module is fabricated from silicon.

10. A core according to claim 9, wherein:
each module further comprises ink nozzles, chambers or actuators.

11. A core according to claim 1, further comprising:
a shell, the shell being a longitudinal laminated structure defining an interior space, formed from layers of at least two materials;
the layers being odd in number and disposed symmetrically about a central layer.

12. A device according to claim 11, wherein:
two layers which are symmetrically disposed about the central layer are made from the same material and have the same thickness.

13. A device according to claim 11, wherein:
the shell further comprises a longitudinal gap adapted to receive a component of the printhead.

14. A device according to claim 11, wherein:
the laminated shell is formed from at least three metals laminated together, the laminate having inner and outer layers which have the same coefficient of thermal expansion.

15. A device according to claim 11, wherein:
the shell has outer layers which are made from invar.

16. A device according to claim 11, wherein:
each different material has a different coefficient of thermal expansion.

17. A device according to claim 16, wherein:
at least two materials have coefficients of expansion which are different than the coefficient of expansion of silicon, one material having a coefficient of expansion which is greater than the coefficient of expansion of silicon and one material having a coefficient of expansion which is less than the coefficient of expansion of silicon.

18. A device according to claim 11, wherein:
two layers which are symmetrically disposed about the central layer have different thicknesses, the lateral cross section of the shell, in compensation, being configured to prevent bowing.

19. A device according to claim 11, wherein:
all of the layers are metal.